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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 69 For Week Ended December 2, 1988 NO. 48

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 12/02/88	Last Week Ending: 11/25/88	Last Year Week Ending: 12/04/87	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,766	13,044	13,285	722	481
Operable capacity	15,922	15,922	15,697	0	225
Percent operated	86.5	81.9	84.6		
Motor Gasoline					
Total motor gasoline production	7,385	6,984	7,072	401	313
Finished leaded motor gasoline production	1,121	1,112	1,505	9	-384
Finished unleaded motor gasoline production	6,264	5,872	5,567	392	697
Total motor gasoline stocks	219,535	216,648	225,310	2,887	-5,775
Finished leaded motor gasoline stocks	38,417	38,607	52,487	-190	-14,070
Finished unleaded motor gasoline stocks	143,770	141,117	134,947	2,653	8,823
Jet Fuel Kerosine					
Jet fuel kerosine production	1,277	1,097	1,229	180	48
Jet fuel kerosine stocks	38,458	39,300	43,370	-842	-4,912
Distillate Fuel Oil					
Distillate fuel oil production	3,146	2,901	3,279	245	-133
Distillate fuel oil stocks	128,882	127,477	128,628	1,405	254
Residual Fuel Oil					
Residual fuel oil production	1,012	883	898	129	114
Residual fuel oil stocks	42,785	40,926	46,575	1,859	-3,790
Imports					
Crude oil imports	5,280	4,753	4,690	527	590
Product imports	2,559	2,251	2,084	308	475
Crude Oil Stocks					
Crude oil stocks	337,703	340,371	359,289	-2,668	-21,586
Crude Supply Balance	104				

*See definitions on page 6.

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FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,356*	1,130*	1,146*	1,380	83.0*
Appal. No. 1	108	100	101	107	94.4
DISTRICT 1 TOTAL	1,464*	1,230*	1,247*	1,487	83.9*
Ind., Ill., Ky.	2,217	1,998	1,998	2,254	88.6
Minn., Wisc., Daks.	334	328	328	312	105.1
Okla., Kans., Mo.	740	677	687	718	95.7
DISTRICT 2 TOTAL	3,291	3,003	3,013	3,284	91.7
Inland Texas	471	444	444	569	78.0
Texas Gulf Coast	3,327	3,066	3,068	3,580	85.7
La. Gulf Coast	2,679*	2,386*	2,438*	2,908	83.8*
N. La. and Ark.	197	173	176	252	69.8
New Mexico	82	69	69	76	90.8
DISTRICT 3 TOTAL	6,756*	6,138*	6,195*	7,385	83.9*
DISTRICT 4 TOTAL	481	456	457	535	85.4
DISTRICT 5 TOTAL	2,883	2,798	2,854	3,231	88.3
TOTAL U.S.	14,875	13,625	13,766	15,922	86.5
TOTAL U.S. Weeks Ended:					
NOV. 25, 1988	14,108*	12,864*	13,044*	15,922	81.9*
DEC. 4, 1987	14,492	13,170	13,285	15,697	84.6
DISTRICTS 1-4 Weeks Ended:					
DEC. 02, 1988	11,992	10,827	10,912	12,691	86.0
NOV. 25, 1988	11,445*	10,297*	10,401*	12,691	82.0*
DEC. 4, 1987	11,899	10,791	10,901	12,438	87.6

* See Revisions on Page 7.

API WEEKLY STATISTICAL BULLETIN

Week Ended December 2, 1988

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	722*	42	680*	30	76	310*	116
Appal. No. 1	40	6	34	--	--	34	5
DISTRICT 1 TOTAL	762*	48	714*	30	76	344*	121
Ind., Ill., Ky.	1,317	137	1,180	19	102	484	72
Minn., Wisc., Daks.	180*	26*	154*	2	10	94	8
Okla., Kans., Mo.	389	104	285	19	46	176	10
DISTRICT 2 TOTAL	1,886*	267*	1,619*	40	158	754	90
Inland Texas	272	65	207	28	30	110	15
Texas Gulf Coast	1,678	164	1,514	31	264	705	254
La. Gulf Coast	1,151*	198	953*	22	303	527	106
N. La. and Ark.	59	3	56	8	2	55	8
New Mexico	45	14	31	5	1	19	--
DISTRICT 3 TOTAL	3,205*	444	2,761*	94	600	1,416	383
DISTRICT 4 TOTAL	243	88	155	12	25	141	14
DISTRICT 5 TOTAL	1,289	274	1,015	66	418	491	404
TOTAL U.S.	7,385	1,121	6,264	242	1,277	3,146	1,012
TOTAL U.S. Weeks Ended:							
NOV. 25, 1988	6,984*	1,112*	5,872*	249	1,097	2,901*	883
DEC. 4, 1987	7,072	1,505	5,567	219	1,229	3,279	898
DISTRICTS 1-4 Weeks Ended:							
DEC. 02, 1988	6,096	847	5,249	176	859	2,655	608
NOV. 25, 1988	5,779*	867*	4,912*	188	793	2,491*	507
DEC. 4, 1987	5,848	1,165	4,683	144	911	2,870	551

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

STOCKS OF SELECTED PRODUCTS
(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	3,729	206	3,522	1	109	480	7,406*	752*	--
Central Atlantic	27,577*	3,027	19,767*	4,783	645	4,170	32,607*	13,645	11,914
Lower Atlantic	29,179	5,189	23,775	215	378	5,115	16,196	3,303	383
DISTRICT 1 TOTAL	60,485*	8,422	47,064*	4,999	1,132	9,765	56,209*	17,700*	12,297
DISTRICT 2 TOTAL	59,174*	12,502	39,736*	6,936	760	7,482	29,341	2,906	17,068
DISTRICT 3 TOTAL	63,302*	9,397	38,129*	15,776	2,456	13,151	28,573	12,670	53,469
DISTRICT 4 TOTAL	6,730	1,924	2,851	1,955	372	743	2,718	646	1,763
DISTRICT 5 TOTAL	29,844	6,172	15,990	7,682	1,876	7,317	12,041	8,863	27,337
TOTAL U.S.	219,535	38,417	143,770	37,348	6,596	38,458	128,882	42,785	111,934
TOTAL U.S. Weeks Ended:									
NOV. 25, 1988	216,648*	38,607	141,117*	36,924	6,621	39,300	127,477*	40,926*	111,134
DEC. 4, 1987	225,310	52,487	134,947	37,876	6,444	43,370	128,628	46,575	100,340
DISTRICTS 1-4 Weeks Ended:									
DEC. 02, 1988	189,691	32,245	127,780	29,666	4,720	31,141	116,841	33,922	84,597
NOV. 25, 1988	187,411*	32,414	125,727*	29,270	4,616	32,449	115,925*	32,414*	83,774
DEC. 4, 1987	196,913	45,424	121,012	30,477	4,956	36,337	117,724	37,223	76,691

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.
[2]Includes Grade No. 4 fuel oil.

* See Revisions on Page 7.

WEEKLY STATISTICAL BULLETIN
Week Ended December 2, 1988

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy July 1988	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
DEC. 02, 1988	4,935.0	4,967.0	5,028	721	254,908
NOV. 25, 1988	4,935.0	--	4,695	629	259,178*
NOV. 18, 1988	4,935.0	--	4,676	654	262,661
NOV. 11, 1988	4,935.0	--	5,642	751	255,685
DISTRICT 5 TOTAL					
DEC. 02, 1988	3,097.0	3,027.0	252	16	82,795 #
NOV. 25, 1988	3,097.0	--	58	15	81,193
NOV. 18, 1988	3,097.0	--	295	26	80,846
NOV. 11, 1988	3,097.0	--	199	8	80,726
TOTAL U.S.					
DEC. 02, 1988	8,032.0	7,994.0	5,280	737	337,703 #
NOV. 25, 1988	8,032.0	--	4,753	644	340,371*
NOV. 18, 1988	8,032.0	--	4,971	680	343,507
NOV. 11, 1988	8,032.0	--	5,841	759	336,411
DEC. 4, 1987	8,397.0 a/	--	4,690	606	359,289

#INCLUDES 25,837 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for November 1987.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1987 Averages Absolute	1987 Averages Positive	1987 Averages Negative
DEC. 02, 1988	104	468	550	-334

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
DEC. 02, 1988	14,001	71,141	158,057	11,709	254,908	82,795 #	337,703 #
NOV. 25, 1988	15,002	70,575*	161,839	11,762	259,178*	81,193	340,371*
DEC. 4, 1987	16,388	72,725	174,335	12,985	276,433	82,856	359,289

[1]See definitional notes, Page 6.

* See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	63	--	63	--	--	--	134	254	3	--	--	454
Central Atlantic	296	--	296	21	--	54	165	367	39	145	71	1,158
Lower Atlantic	131	5	126	--	--	--	36	--	--	--	4	171
DISTRICT 1 TOTAL												
DEC. 02, 1988	490	5	485	21	--	54	335	621	42	145	75	1,783
NOV. 25, 1988	516	--	516	54	--	47	265	574	49	85	17	1,607
NOV. 18, 1988	696	13	683	96	--	62	390	819	42	156	153	2,414
NOV. 11, 1988	443	3	440	69	--	35	239	648	75	79	59	1,647
DISTRICTS 2-4 TOTAL												
DEC. 02, 1988	28	--	28	--	3	8	12	26	271	121	225	694
NOV. 25, 1988	15	--	15	4	3	8	10	42	207	236	40	565
NOV. 18, 1988	17	--	17	--	3	14	18	31	307	376	80	846
NOV. 11, 1988	15	--	15	--	3	--	8	51	236	255	153	721
DISTRICT 5 TOTAL												
DEC. 02, 1988	38	--	38	--	--	13	4	14	13	--	--	82
NOV. 25, 1988	35	--	35	--	--	14	7	9	13	1	--	79
NOV. 18, 1988	40	--	40	--	--	25	3	8	12	1	--	89
NOV. 11, 1988	30	--	30	--	--	--	2	7	12	--	--	51
TOTAL U.S.	556	5	551	21	3	75	351	661	326	266	300	2,559
TOTAL U.S. Weeks Ended:												
NOV. 25, 1988	566	--	566	58	3	69	282	625	269	322	57	2,251
NOV. 18, 1988	753	13	740	96	3	101	411	858	361	533	233	3,349
NOV. 11, 1988	488	3	485	69	3	35	249	706	323	334	212	2,419
DEC. 4, 1987	88	29	59	39	13	20	268	729	325	279	323	2,084

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil.

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

REVISIONS

11/25/88	PAGE 1	TOTAL REFINERY INPUT	EAST COAST	1,260
			DISTRICT 1 TOTAL	1,366
			LA. GULF COAST	2,526
			DISTRICT 3 TOTAL	6,491
			TOTAL U.S.	14,108
			DISTRICTS 1-4	11,445
		CRUDE OIL RUNS	EAST COAST	1,084
			DISTRICT 1 TOTAL	1,183
			LA. GULF COAST	2,347
			DISTRICT 3 TOTAL	5,820
			TOTAL U.S.	12,864
			DISTRICTS 1-4	10,297
		INPUT TO CRUDE OIL	EAST COAST	1,099
			DISTRICT 1 TOTAL	1,199
			LA. GULF COAST	2,398
			DISTRICT 3 TOTAL	5,893
			TOTAL U.S.	13,044
			DISTRICTS 1-4	10,401
		% OPERABLE	EAST COAST	79.6
			DISTRICT 1 TOTAL	80.6
			LA. GULF COAST	82.5
			DISTRICT 3 TOTAL	79.8
			TOTAL U.S.	81.9
			DISTRICTS 1-4	82.0
	PAGE 2	TOTAL MGAS	EAST COAST	606
			DISTRICT 1 TOTAL	643
			MINN., WIS., DAKS.	178
			DISTRICT 2 TOTAL	1,796
			LA. GULF COAST	1,149
			DISTRICT 3 TOTAL	3,112
			TOTAL U.S.	6,984
			DISTRICTS 1-4	5,779
		LEADED MGAS	MINN., WIS., DAKS.	28
			DISTRICT 2 TOTAL	279
			TOTAL U.S.	1,112
			DISTRICTS 1-4	867
		UNLEADED MGAS	EAST COAST	545
			DISTRICT 1 TOTAL	579
			MINN., WIS., DAKS.	150
			DISTRICT 2 TOTAL	1,517
			LA. GULF COAST	986
			DISTRICT 3 TOTAL	2,671
			TOTAL U.S.	5,872
			DISTRICTS 1-4	4,912
		DISTILLATE FUEL	EAST COAST	291

API STATISTICAL BULLETIN
WEEK ENDED: DEC. 02, 1988

REVISIONS

		DISTRICT 1 TOTAL	324
		TOTAL U.S.	2,901
		DISTRICTS 1-4	2,491
PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	26,095
		DISTRICT 1 TOTAL	59,243
		DISTRICT 2 TOTAL	59,807
		DISTRICT 3 TOTAL	61,732
		TOTAL U.S.	216,648
		DISTRICTS 1-4	187,411
	UNLEADED MGAS	CENTRAL ATLANTIC	18,738
		DISTRICT 1 TOTAL	46,402
		DISTRICT 2 TOTAL	39,598
		DISTRICT 3 TOTAL	36,953
		TOTAL U.S.	141,117
		DISTRICTS 1-4	125,727
	DISTILLATE FUEL	NEW ENGLAND	7,782
		CENTRAL ATLANTIC	32,906
		DISTRICT 1 TOTAL	56,086
		TOTAL U.S.	127,477
		DISTRICTS 1-4	115,925
	RESIDUAL FUEL	NEW ENGLAND	961
		DISTRICT 1 TOTAL	17,373
		TOTAL U.S.	40,926
		DISTRICTS 1-4	32,414
PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	259,178
		TOTAL U.S.	340,371
PAGE 4 B	TOTAL	PAD DISTRICT 2	70,575
		TOTAL PAD DISTRICTS 1-4	259,178
		TOTAL U.S.	340,371